

# ZXHN F660 Datasheet

ZXHN F660 is a GPON Optical Network Terminal designed for FTTH scenario. It supports L3 function to help subscriber construct intelligent home network. It provides subscribers rich, colorful, individualized, convenient and comfortable services including voice, video (IPTV) and high speed internet access.

## GPON Interface

- Optical port : 1 x GPON interface (SC/APC)
- Transmission Distance: 0 ~ 20km
- Transmit rate: 2.488Gbps downstream; 1.244Gbps upstream

## User Network Interface

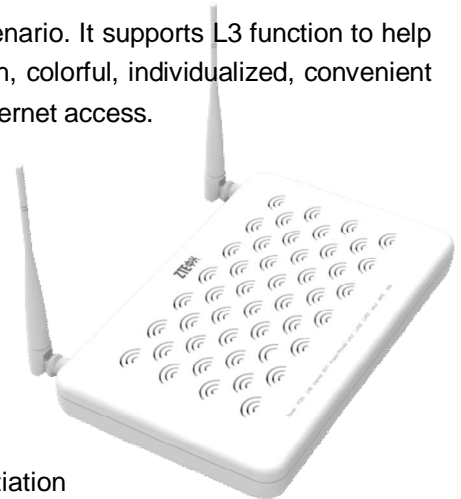
- 4 x 10/100/1000Base-T: Half/full duplex; Auto MDI/MDIX; Auto negotiation
- 2 x POTS interfaces
- 1 x Wi-Fi interface: IEEE 802.11b/g/n @2.4G Hz
- 1 x USB host interface

## Optical Module

- Wavelength:  
Receiving: 1480~1500 nm  
Transmitting: 1290~1330 nm
- Receiving Sensitivity: -28dBm
- Transmitting Optical Power: 0.5~5dBm

## Physical Performance

- Power consumption: <10W
- Dimensions: 220mm(W) x 44mm(H) x 160mm(D)
- Working temperature: 0°C ~ 40°C
- Working humidity: 5% ~ 95%
- Weight: about 380g
- Power supply: 12 V DC
- Mounting mode: Desktop/Wall mounting
- Supports hidden and coiled fiber



## Main Function

- Supported service: VoIP, Internet, IPTV
- GPON: 8 T-CONTs, 32 GEM Ports
- VLAN: 802.1Q, 802.1P, 802.1ad
- MAC address table: 1k
- L3 function: DHCP server/Client, DNS Client/Relay, NAT
- IPv6: Dual Stack, DS-Lite
- VoIP: SIP/H.248, G.711/G.729, T.30/T.38
- Wi-Fi: 4 SSIDs, 2x2 MIMO, WPS
- Wi-Fi authentication: Shared key, 128-bit WEP, WPA-PSK, WPA2-PSK, WPA-PSK + WPA2-PSK, WPA2-Enterprise
- Multicast: IGMP v1/v2 Snooping/Proxy, MLD v1 Snooping
- Multicast group per user port: 256
- QoS: service flow classification based on physical port, MAC address, VLAN ID, VLAN priority level, IP address; SP/WRR/SP+WRR
- Management: local web management, OMCI, TR069
- USB: DLNA DMS, USB backup, 3G dongle